Appln. No. 09/646,349 Amd. dated September 16, 2003 Reply to Office Action of July 17, 2003

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:
Listing of Claims:

Claims 1-2 (cancelled)

material for an aperture grille for use in a color picture tube as claimed in claim 1, comprising the steps of cold-rolling providing a low carbon steel sheet containing 9 to 30 wt% of Ni; cold-rolling the low carbon steel sheet at a reduction rate of not more than 60% and annealing same the low carbon sheet at a temperature of 400 to 500°C.

Claim 4 (currently amended) A method of producing a material for an aperture grille for use in a color picture tube as claimed in claim 2, comprising the steps of cold-rolling providing a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co; cold-rolling the low carbon steel sheet at a reduction rate of not less than 60% and annealing same the low carbon steel sheet at a temperature of 400 to 500°C.

Claim 5 (currently amended) A method of producing a material for an aperture grille for use in a color picture

tube as claimed in claim 1, comprising the steps of cold-rolling a low carbon steel sheet containing 9 to 30 wt% of Ni, subjecting same to process—annealing the low carbon steel sheet at a temperature of 500 to 800°C; and another subjecting the low carbon steel sheet to cold-rolling at a reduction rate not less than 60%, and annealing same the low carbon steel sheet at a temperature of 400 to 500°C.

Claim 6 (currently amended) A method of producing a material for an aperture grille for use in a color picture—as claimed in claim 2, comprising the steps of cold—rollingproviding a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co subjecting same to process—annealing the low carbon steel sheet at a temperature of 500 to 800°C; and another—cold—rolling the low carbon steel sheet at a reduction rate of not less than 60%, and annealing same the low carbon steel sheet at a temperature of 400 to 500°C.

Claim 7 (currently amended) An aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni produced by the method of according to claim 5.

Claim 8 (currently amended) An aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co produced by the method according to claim 6.

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Claim 9 (currently amended) A color picture tube incorporating an aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni produced according to the method of claim 3.

Claim 10 (currently amended) A color picture tube incorporating an aperture grille for use in a color cathode ray tube, which aperture grille is made of a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co produced according to the method of claim 4.

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